

**Regional Board Orders With Salt Requirements - in progress; last updated 23 October 2008**

This is a partial list of Regional Board orders that contain salt requirements prepared since issuance of the Salinity Guidance Memorandum in May 2007. It was compiled for the purpose of reporting to the Salinity Policy Group at their October 30, 2008 meeting. It is not a complete list, nor has it been thoroughly reviewed by Regional Board staff to ensure complete accuracy.

Year	County	Type of Order	Status	Order #	Discharger	Receiving water	What was ordered
<b>WDRs</b>							
2008	Alameda/ San Joaquin	WDR	pending		Lawrence Livermore	gw	Salinity evaluation and minimization plan.
2007	Alpine/Amador	WDR	adopted	R5-2007-0125	Kirkwood Meadows PUD WWTP	gw	Interim effluent and groundwater limits for salt; monitoring well installation and groundwater study; salinity evaluation & minimization plan; salinity BPTC evaluation and Implementation plan.
2007	Calaveras	WDR	adopted	R5-2007-0146	Kautz Vineyards, Inv. Ironstone Vineyards	gw	Effluent limits for salt; monitoring well installation and groundwater study; groundwater mitigation plan, if groundwater impacted.
2007	Fresno	WDR	new	R5-2007-0150	Fresno Co. Juvenile Justice	gw	Basin Plan effluent EC limits, groundwater limits, salinity evaluation and minimization plan.
2008	Glenn	WDR	adopted	R5-2008-0122	Greenwood Dairy	sw & gw	Interim groundwater limits for salt; groundwater monitoring, waste management plan, nutrient management plan, BPTC evaluation workplan, salinity report.
2008	Kern	WDR	renewal	R5-2008-0004	Tejon-Castac Water Dist.	gw	Site specific effluent EC limit, groundwater limits, salinity evaluation and minimization plan.
2008	Kern	WDR	new	R5-2008-0067	J.G. Boswell Tomato Co.	gw	Basin Plan effluent EC limits, groundwater limits, salinity evaluation and minimization plan.
2008	Kern	WDR	renewal	R5-2008-0072	City of McFarland	gw	Basin Plan effluent EC limits, groundwater limits.

2007	Kern	WDR	new	R5-2007-0090	Kern Valley State Prison	gw	Basin Plan effluent EC limits, groundwater limits.
2008	Kings	WDR	renewal	R5-2008-0017	Central Valley Meat	gw	Site specific salinity (FDS) limit, groundwater limits, salinity evaluation and minimization plan.
2008	Lake	WDR	revision pending		Guenoc winery	gw	Class II impoundment built, with liner and compliance with other reqs - threat to GW eliminated.
2008	Merced	WDR	pending		Double Diamond Dairy	gw	Interim groundwater limits for salt; BPTC evaluation.
2007	Sacramento	WDR	adopted	R5-2007-0109	Rancho Murieta CSD Van Vleck Ranch	gw	Groundwater limits for salt.
2007	San Joaquin	WDR	adopted	R5-2007-0179	Lockford Community Services District	gw	Effluent and groundwater limits for salt; monitoring well installation and groundwater study; BPTC evaluation workplan, if groundwater impacted.
2007	Stanislaus	WDR	adopted	R5-2007-0147	City of Patterson	gw	Interim effluent and groundwater limits for salt; monitoring well installation and groundwater study; BPTC evaluation report, if groundwater impacts found; salinity evaluation and minimization plan.
2007	Tulare	WDR	new	R5-2007-0122	Mozzarella Fresca	gw	Site specific effluent EC limit, groundwater limits, salinity evaluation and minimization plan.
2008	Tulare	WDR	renewal	R5-2008-0034	City of Porterville	gw	Basin Plan effluent EC limits, groundwater limits, salinity evaluation and minimization plan.
2007	Yolo	WDR	adopted	R5-2007-0149	Knights Landing CSD WWTF	gw	Interim effluent and groundwater limits for salt; monitoring well installation and groundwater study; BPTC evaluation report, if groundwater impacts found; salinity evaluation and minimization plan.

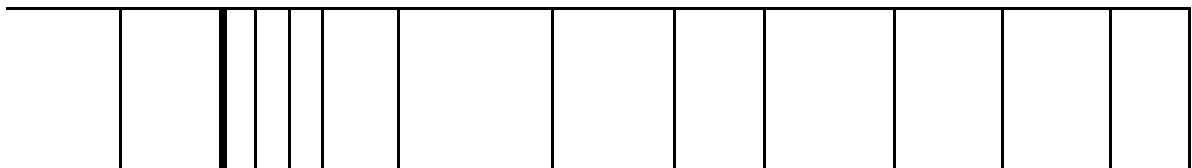
2008	Yolo	WDR	pending		Syngenta Seeds	gw	Well installation and determination of background, salinity minimization plan.
2008	Yolo	WDR Amend.	adopted	R5-2008-0130	Rumsey Band of Wintun Indians	gw	1) Transporting backwash brine from water softening system to EBMU's WWTF since 2006; 2) Commitment to switch to an elctrodialysis reversal (EDR) and vibratory shear enhanced process (VSEP) reverse osmosis & transport brine for off-site disposal. Capital cost of new system: \$9 M.
<b>NPDES Permits</b>							
2008	Contra Costa	NPDES	adopted	R5-2008-0057	Ironhouse Sanitary District WWTP	SJR	Effluent & receiving water limits for salt; anti-deg analysis.
2008	El Dorado	NPDES			Sliger mine (USBR)		Effluent limit for salt.
2008	Fresno	NPDES	adopted	R5-2008-0033	MALAGA CWD WWTF	Central Canal	Effluent, receiving water, and groundwater limits for salt; salinity study, groundwater monitoring and study.
2008	Fresno	NPDES	adopted	R5-2008-0036	CLOVIS, CITY OF, ST/WRF	Little Dry Creek	Effluent, receiving water, and groundwater limits for salt; salinity evaluation and minimization plan.
2007	Kern	NPDES	remanded	R5-2007-0064	BERRY PETROLEUM COMPANY, MCVAN AREA POSO CREEK OIL FLD	Poso Creek	Effluent, receiving water, and groundwater limits for salt; salinity evaluation and minimization plan.
2007	Kern	NPDES	adopted	R5-2007-0169	CHEVRON U.S.A., Inc., Station 36 - Carrier Canal	Carrier Canal	Effluent, receiving water, and groundwater limits for salt; salinity evaluation and minimization plan.

2008	Kern	NPDES	adopted	R5-2008-0012	EQUILON ENTERPRISE S LLC, DBA, BAKERSFIELD REFINERY GWCS		
2008	Kern	NPDES	adopted	R5-2008-0091	STALLION SPRINGS CSD WWTF	Chanac Creek	Effluent and receiving water limits for salt.
2007	Mariposa	NPDES	adopted	R5-2007-0171	MARIPOSA PUD WWTF	Mariposa Creek	Effluent and receiving water limits for salt.
2008	Mariposa	NPDES	adopted	R5-2008-0060	USDI, NPS, YOSEMITE , El Portal WWTF	South Fork Merced River	Receiving water limits for salt.
2007	Merced	NPDES	adopted	R5-2007-0063	ATWATER, CITY OF, WWTF	Atwater Drain	Effluent and receiving water limits for salt; groundwater monitoring and salinity investigation.
2008	Merced	NPDES	adopted	R5-2008-0027	MERCED, CITY OF, WWTF	Hartley Slough	Effluent, receiving water, and groundwater limits for salt.
2008	Placer	NPDES	adopted	R5-2008-0077	Ciy of Roseville Dry Creek WWTP	Dry Creek	Groundwater limits for salt; groundwater monitoring, salinity evaluation and minnimization plan, salinity reduction goal, salinity/EC site-specific study, BPTC workplan and implementation schedule, if groundwater has been impacted.
2008	Placer	NPDES	adopted	R5-2008-0079	City of Roseville Pleasant Grove WWTP	Pleasant Grove Creek	Groundwater limits for salt; groundwater monitoring, salinity evaluation and minnimization plan, salinity reduction goal, salinity/EC site-specific studies, BPTC workplan and implementation schedule, if groundwater has been impacted.
2007	San Joaquin	NPDES	adopted	R5-2007-0039	Mountain House CSD WWTP	sw	Interim & final effluent limits; salinity plan; BPTC evaluation and recommendations; annual BPTC implementation reports.

2008	Shasta	NPDES	adopted	R5-2008-0120	Stimpel-Wiebelhaus Associates, Inc.	sw	Receiving water limits for salt; salinity evaluation & minimization plan.
2008	Solano	NPDES	adopted	R5-2008-0055	City of Vacaville	Old Alamo Creek	Interim effluent and groundwater limits; groundwater monitoring well installation, groundwater study; BPTC Evaluation Study, if groundwater impacts found; site-specific EC study, pollution prevention plan for salinity, salinity reduction goal.
2008	Solano	NPDES	adopted	R5-2008-0108	City of Rio Vista		Effluent limits; salinity evaluation & minimization plan.
2008	Yolo	NPDES	adopted	R5-2008-0088	UC Davis J. Amorocho Hydraulics Laboratory	Putah Creek	Effluent limits; salinity reduction goal.
<b>NPDES/WDR</b>							
2007	Fresno	NPDES /WDR	adopted	R5-2007-0065	CALMAT OF CENTRAL CALIF, SANGER PLANT	Kings River	Effluent, receiving water, and groundwater limits; groundwater monitoring; salinity evaluation and minimization plan.
2007	Kern	NPDES /WDR	adopted	R5-2007-0066	VALLEY WASTE DISPOSAL CO, CAWELO RESERVOIR B	Poso Creek	Effluent, receiving water, and groundwater limits; salinity evaluation and minimization plan.
2007	Kern	NPDES /WDR	adopted	R5-2007-0170	CHEVRON U.S.A., Inc., and Cawelo Water District, Produced Water	Poso Creek	Effluent, receiving water, and groundwater limits; salinity evaluation and minimization plan.
2008	San Joaquin	NPDES /WDR	order	?	SPX Corporation		Salinity evaluation and minimization plan.

<b>Cleanup &amp; Abatement Orders</b>							
2007	San Joaquin	CAO	adopted	R5-2007-0082	RME, Inc Woodbridge Winery	Groundwater	Well installation workplan & report; background groundwater quality & groundwater degradation assessment report; potential groundwater conduit report; well abandonment workplan and well destruction completion report, if potential conduit wells found; 3 phased wastewater treatment improvement workplans to include salt reduction; 3 phased wastewater treatment improvement implementation reports; and a crop uptake analysis study.
2007	San Joaquin	CAO	adopted	R5-2007-0715	Steve Gikas and Family - California Nuggets, Inc.	gw	Prohibitions against discharging any waste except domestic wastewater to the septic system and discharging ion exchange brine to wastewater ponds. MRP implementation; installation of two flow meters; interim cropping plan, a wastewater characterization report, and a report of waste discharge addendum.
<b>Cease &amp; Desist Orders</b>							
2008	San Joaquin	C&DO	adopted	R5-2008-0136	City of Dixon WWTP	sw & gw	Effluent limits for sodium & chloride; salinity source study, residential salinity source control plan, salinity source control effectiveness report, RWD and facilities plan if improvements to WWTP are needed, ordinances prohibiting installation of new water softeners and establishing sodium and chloride limits for industrial & commercial users of the system; quarterly progress reports.

2007	San Joaquin	C&DO	adopted	R5-2007--139	Musco Family Olive Company and the Studley Company Wastewater Treatment & Land Disposal Facility	sw & gw	Prohibitions against discharge of wastewater to drainage course and stormwater that has contacted processing, treatment, storage, or land application areas. Requirement to replace unlined million gallon pond with above ground tank; conduct enhanced evaporation pilot study evaluation; groundwater characterization, groundwater impact assessment report, including anti-degradation analysis and an analysis and recommendation of necessary abatement actions; and implement selected alternatives.
2008	Solano	remand	pending		City of Davis		see pdf file - SB directs R5 to look at Woodland EC study.





[illegible]

[illegible]

--	--	--	--	--	--	--	--	--

